

DP-303833

EXHAUST MANIFOLD WITH CATALYTIC CONVERTER SHELL TUBE

ABSTRACT OF THE DISCLOSURE

A catalytic converter subassembly having at least one component
5 inserted during the manufacture of a cast exhaust manifold, thereby eliminating
a costly and undesirable manifold to converter weld.

The method and converter subassembly comprise a converter
shell for housing a catalyst substrate adapted to be securely attached to an
exhaust manifold during manufacture of the manifold to eliminate an
10 undesirable weld between the manifold and converter.